Abstract

It is a pressure-sensitive adhesive for a surface-protective film which comprises the following components (A) and (B):

(A) a (meth)acrylic ester copolymer obtained by copolymerizing at least the following components (a1) and (a2):

(a1) 80 to 99% by mass of an alkyl (meth)acrylate in which the alkyl group has up to 12 carbon atoms; and

(a2) 1 to 10% by mass of 4-hydroxybutyl acrylate or 4-hydroxybutyl methacrylate; and

(B) an isocyanate crosslinking agent having a functionality of 3 or higher, the amount of the component (B) being 1 to 5 parts by weight per 100 parts by weight of the component (A).

The pressure-sensitive adhesive has a gel fraction of 90% by mass or higher, a peel force as measured at a peel rate of 300 mm/min of 20 gf/inch or lower, and a peel force as measured at a peel rate of 2,000 mm/min of 50 gf/inch or lower.

The pressure-sensitive adhesive for a surface-protective film of the invention has a satisfactory high-rate release property, changes little in peel force with peel rate, does not stain an adherend, and is satisfactory in properties including pot life.